UNIVERSITY OF MADRAS

LIST OF THESES ACCEPTED FOR THE RESEARCH DEGREES

(viz. Ph. D. and D. Sc.)

From (1957-58) to (1961-62)

E
790

RE. 1/—

UNIVERSITY OF MADRAS

List of theses approved for the M. Litt. Degree of this University :—

1957-58

Subject	Name of candidate	Title of the thesis
TAMIL	Mr. T. Alagia Chockalingam	"Historic Places of Ancient Tamilakam (upto 10th Century A.D.).
do	Sry. S. Kanakasoundari	"A study of the Vocabulary of Cilapatikaram."
TELUGU	Sry. M. Audilakshmi	"Saivism in Telugu Literature and its contribution to South Indian Culture."
PHILOSOPHY	Mr. S. Gopalan	"Hindu Social Philosophy."
PSYCHOLOGY	Sry. G. Jayalakshmi	"Studies in Psychomotor abilities."
do	* Mr. E. G. Parameswaran	"An investigation into some Psychological problems of the transition stage from Adolescence to Early Adulthood."
do	* Miss K. V. Savitri	"A study of Phantasies of Adolescent Girls."
do	Miss Mary Ommen	"A study of the Social Development of the Child."
HISTORY	Mr. K. Raghavachari	"Yadhavas of Devagiri."
POLITICS	* Mr. K. Kamalanathan	"A History of the Council of State in India."
ECONOMICS	Sry. K. Saradamoni Amma	"Co-operative movement in India with special reference to Madras State."
do	Mr. T. V. Francis	"Land Utilisation in Madras State."
INDIAN MUSIC	Miss K. V. Sakuntala	"Percussion Instruments of India - A Study."
do	Miss P. N. Kausalya	"Telugu Padakaras."

* Candidates who submitted thesis during 1956-57, but declared qualified during 1957-58.

1958-59

TAMIL	Sry. P. S. Indira	"A semantic Study of Sangam Vocabulary (in Tamil Linguistics)."
do	Miss T. S. Kamala	"Kamban's Treatment of Tirukkural."
MALAYALAM	Mr. V. Appukuttan	"A study of Nalacharitam Kathakali."
PHILOSOPHY	,, B. V. Radhakrishnan	"The Idea of God in Vedanta."

1958-59—(contd.)

Subject	Name of candidate	Title of the thesis
PSYCHOLOGY	Miss T. A. Sundari	"Experimental Studies in Time Perception."
do	Miss B. Rama Devi	"A comparative study of the personality of married and unmarried women. teachers."
HISTORY	Miss R. Champaka Lakshmi	"Jainism in South India."
do	Mr. K. Rajayyan	"Edward Lord Clive in Madras (Governor 1798-1803).
ECONOMICS	* Mr. M. Dandapani	"Banking Legislation in India."
do	* ,, T. N. Krishnan	"Unemployment in Travancore Cochin"

* Candidates who submitted theses during 1957-58, but declared qualified during 1958-59.

1959-60

TAMIL	Sry. V. Jayakumari	"A study of the Language of the Tamil Inscriptions from the 7th Century upto the Middle of the 11th Century."
do	Mr. K. Arumugham	"Studies in Pattupattu."
do	Sry. V. Rajam	"Verbal Roots in Tamil."
do	Sry. R. Seetha Bai	"A study of the Index of Words in Tolkappiyam."
do	* Sry. A. Maheswari Ammal	"The Poetic importance of the names of its verses in a study of Patirruppattu."
PSYCHOLOGY	Mr. P. V. Veeraraghan	"A psychological study of employer employee relations in some industries in and around Madras."
HISTORY	Miss B. Shalini Devi	"Sir Charles Trevelyan, Governor of Madras."
do	* Miss S. Saroja	"History of Madras under the Governors, Lushington, Adam and Elphinstone."
ECONOMICS	Mr. T. V. Sethuraman	"Financing of Industrial Development, in India."
do	,, V. S. Narasimhan	"Agricultural Labour in the Southern Taluks of Coimbatore District."
do	,, R. M. Arunachalam	"Growth of Central Banking in India"

* Candidates who submitted thesis during 1958-59, but declared qualified during 1959-60.

1959-60—(contd.)

Subject	Name of candidate	Title of the thesis
ECONOMICS	§ Mr. K. Krishnamurti	"The Interaction of Government Finances on the Money and Capital Markets in India."
do	Sry. R. Thamarajakshi	"Taxation of Land with special reference to India."
POLITICS	Miss M. C. Shanta	"Road Transport Administration in Madras"–1800–1900.

§ Stubmitted thesis during 1957-58, but declared qualified for the M. Litt. Degree during 1959-60.

1960-61

ENGLISH	Sry. Vijayalakshmi Pandalai	"Religion and Poetry in Gerard Manley Hopkins."
TAMIL	Mr. N. Baluswami	"Studies in Manimekalai."
PSYCHOLOGY	,, Prabhakara David Boaz	"Supervision programme in some business conerns and factories in Madras."
do	* Sry. S. Jayalakshmi	"Working Mothers and their Children."
HISTORY	Sry. R. Indira	"Dakshinamurthi in Arts and their religion."
do	* ,, B. Kusumalatha Bai	"Humanitarian ideas in Madras Adminis tration—1800–1857."
do	* Mr. Emmanuel Divien	"French Pioneers in South India—1664–1706."
ECONOMICS	Mr. Y. Sankaran	"Progressive Taxation in India."
do	,, C. B. Padmanabhan	"Monetary Policy of the Reserve Bank of India 1950–1958."
INDIAN MUSIC	Sry. N. Shyamala	"Folk Music and Dance of Tamilnad."
do	* ,, K. R. Madhavi	"Tamil Pada Composers and their contribution to South Indian Music."

* Candidates who submitted thesis during 1959-60 but declared qualified during 1960-61.

1961-62

ENGLISH	Mr. K. Subrahmanyan	"The Introduction of English as the Educational Medium in Madras State in the Nineteenth Century."
TAMIL	,, S. P. Annamalai	"A critical study of the development of Arts and Sciences in Ancient Tamilnad."
do	,, R. Sarangapani	"A critical study of Paripatal."

1961-62—(contd.)

Subject	Name of candidate	Title of the thesis
TAMIL	Mr. R. Srinivasan	"The structure of the nouns in Kalirriyanainirai of Akananuru."
do	,, A. Thirumalaimuthuswami	"Studies in Parani Literature."
do	,, P. Balasububramanian	"A study of the Literature of Tondaimandalam."
do	,, A. Sankaranarayanan	"The concept and structure of Poetry in Tolkappiyam."
SANSKRIT	Mis Sara P. Joshna	"Epic Dialect (as seen in the Ramayana)"
MALAYALAM *	,, K. M. Prabhakara Variar	"History and Evolution of Malayalam Scripts."
do	,, P. C. Krishnan Nambudiripad	"Kutiyattam."
HISTORY *	,, Jayadev Rajkumar	"The Governorship of Lord Pigot."
do *	,, S. Singarajan	"The Eclipse of the Company's rule in Madras."
do	Sry. C. A. Hema	"Ramayana in Sculpture and Iconography in the Tamil Country."
do	Mr. A. Kesavan	"The History of Tondaimandalam."
ECONOMICS *	,, S. Krishnan	"Monetary Policy in a developing Economy with special reference to India.
do	,, P. V. Rajkumar	"Integrated Tax Structure for India."
do	,, H. J. K. Suganthan	"Cattle Problem in Madras State."
do	,, A. Raman	"Banking Development in India since 1945."
PHILOSOPHY	,. P.M. BhaskaranNambudiripad	"Philosophy of Vedenta according to Swami Vivekananda."
do	,, R. Sundararajan	"Studies in Modren Empiricism."
PSYCHOLOGY	,, C. R. Paramesh	"The relationship between perceptional tendencies and personality types."
do	Sry. Hemanalini	"An experimental study of some personality traits of Blind Children."
INDIAN MUSIC *	,, S. Sampath Kumari	"Bhadrachala Ramadas, His Life, His Contributions to Music and Influence upon subsequent composers."
do	,, M. S. Lakshmi	"The Music of the Post-Tyagaraja Period."

* Thesis submitted by candidates in 1960-61, but declared qualified in 1961-62.

M. Sc.

1957-1958

Subject		Name of candidate	Title of the thesis
PHYSICS		Mr. R. Chidambaram	"Investigations on the application of Magnetic recording to electronic computers for X-ray crystal analysis."
do		,, P. V. Venkatakrishnan	"Electronic Analogue Methods in X-ray Crystallography."
do		,, E. S. Rajagopal	"Studies in Ultrasonic Emulsification."
do	*	,, C. K. Narayanaswami	"Refraction and Dispersion of Liquids and Solutions."
do	*	,, T. Sreenivasan	"Investigatigations on the construction and testing of a metal design of a Waran's pump."
CHEMISTRY		,, K. R. Narasimhan	"Third and Fourth Substituted Isoquinolines"
do		,, Sudhis Chandra Nandi	"Studies on the Bacteriological and Chemical aspects of the curing of Indian Hides and Skins."
do		,, B. Krishna Baliga	"Structural and Solvent Influences and some Hydrolytic Reactions."
do		,, N. T. Srinivasan	"Some aspects of Vinyl Polymerisation in Solution"
do		,, S. Venkatakrishnan	"Oxidation and Polymerisation reactions initiated by cericions in aqueous solution."
do	*	,, T. A. Govinda Ayyar	"A study of the Physicochemical properties of saline and alkaline soils of the Cauvery Delta and their reclamation."
do	*	Miss K. Ranganayaki	"Syntheses of Heterocyclic Nitrogen Compounds."
BOTANY		Mr. P. A. Kandaswami	"Morphological and cytogenetical studies on interspecific and intergeneric Hybrids of Saccharum spontaneum L."
do		Sry. Vimala Devi Sivapalam	"Studies on Sclerotium Rolfsii."
ZOOLOGY		Sry. A. Leela David (Miss Annie L. A. Paul)	"South Indian Formicidae."
do		Mr. P Induchan Thampi	"Studies on the Taxonomy and Anatomy of the Polyzoa of Madras."
do		,, V. V. Srinivasan	"Studies on the Pholadidae of Madras."
do	*	,, B. S. Dorairaj	"The Lateral Line System and sound reception in Fishes."

* Thesis submitted in 1956–57 but declared qualified during 1957-58

1957-58—(contd.)

Subject	Name of candidate	Title of the thesis
GEOLOGY	Mr. K. S. Balasubrahmanyan	"Metamorphism on the Southern Slopes of Palni Hills, Madurai District"
do	,, S. Visvanathan	"Geology of the neighbourhood of Sankeridrug, Salem District."
HOME SCIENCE (Nutrition)	* Miss Mary Jacob	"A comparative study of the basal Metabolic Rates of 73 South Indian and 93 Anglo-Indian Girls from 9-16 years of age and the factors influencing these rates."
ANATOMY (Medicine)	§ Mr. S. Ramaswami	"The structure of the Larynx in relation to Phonation."
do	† ,, T. Narayanaswami	"A study of the Morphology of the Lumbo-Sacral Plexuses."
AGRICULTURE	,, K. Srinivasan	"A taxonomic assessment of the Floral Characters of Saccharum Spontaneum."
TECHNOLOGY	,, S. Hamsath Ibrahim	"Study of the Principles and Technique of the Electro Analytical Chemistry developed in recent years."

* Thesis submitted during 1956–57 but declared qualified during 1957–58.

§ Thesis submitted during 1955–56 but declared qualified during 1957–58.

† Thesis submitted during 1953–54 but declared qualified during 1957–58.

1958-59

MATHEMATICS	* ,, Gift Siromoney	"Statistical study of the records of Levels of Water in the College Wells."
CHEMISTRY	,, Susil Chandra Dhar	"Studies on Microbial Enzymes with reference to Leather Manufacture."
do	Miss K. Saroja	"Studies on Proteolitic Enzymes."
do	Mr. V. K. Lakshmanan	"Synthesis in Polycyclic Ring Systems."
BOTANY	,, M. V. Ramji	"Studies in Polar Histogenesis in Sarcandra Irving Bailevi Swamy."
do	,, N. Sethunathan	"Studies on Sclerotium Oryzae."
do	,, D. Padmanabhan	"Embryological studies in some members of the Verbanaceae."
ZOOLOGY	* ,, S. Rajan	"Ecology of the Hill Stream Fishes of the rivers of Pykara and Moyar (Nilgiris), South India (Physical and Biological Factors affecting the distribution of Hill-stream Fish)"

* Candidates who submitted thesis during 1957–58, but declared qualified during 1958–59.

1958-59—(contd.)

Subject	Name of candidate	Title of the thesis
ZOOLOGY	Miss Anna John Kottil	"Studies on the Marine Siliates of Madras."
GEOLOGY	* Mr. B. Gopal Rao	"Geology in the vicinity of Vellore, North Arcot District."
do	,, T. N. Parthasarathy	"Geology around Tiruttani."
do	,, M. G. Shaik Dawood	"Geology of the Ingaldhal Sulphide deposits and the country rocks."
GEOLOGY	Mr. S. Saravanan	"The Iron Ores of Kanjamalai and country rocks."
BACTERIO-OLOGY (Vety. Sc.)	* ,, R. A. Balaprakasam	"Studies on the normal bacterial Flora of the female genital tract of cattle and buffalœs with special reference to the incidence of Pathogenic bacteria."
PARASITO-LOGY (Vety. Sc.)	,, B. Venkateswara Rao	"Studies on Helminth Parasites of Carnivorous Mammals."
ANIMAL NUTRITION (Vet. Sc.)	,, R. Venkatakrishnan	"Studies on Ensiling Napier Grass Penniset Perpureum."
TECHNO-LOGY	,, M. Ramanujam	"Studies in Vapour Liquid Equilibria."
do	,, B. K. Sadananda Rao	"Studies in Industrial Chemical Analysis."
do	,, C. N. Lakshmanan	"Studies in Liquid-Liquid Extraction."
do	,, Thomas Samuel	"Phase Equilibrium Studies in Liquid-Liquid Extractions."

* Candidate who submitted thesis during 1957-58, but declared qualified during 1958-59.

1959-1960

Subject	Name of candidate	Title of the thesis
MATHEMA-TICS	,, B. R. Srinivasan	"On the net of Conics with a common self-polar triangle."
do	Miss Iqbal Unnisa	"Studies in the Congruences on Lattices"
PHYSICS	,, N. Ananthakrishna Ayyar	"Crystal Structure of Organic Compounds."
do	Mr. R. Krishnan	"Study of the Ferro-electric and Ferro-magnetic properties of cintered ceramics."
CHEMISTRY	,, K. Viswanathan	"Part A: Studies of the Synthesis and reactions of 2-substituted I, 3 cyclo-pentano diones. Part B. Synthesis of compounds related to Marindinim."

1959-60—(contd.)

Subject	Name of candidate	Title of the thesis
CHEMISTRY	Mr. T. G. Rajagopalan	"Studies on Phosphoproteins."
do	„ S. K. Sankarappa	"Synthesis of some analogues of Steroid Harmones."
do	„ D. Joseph Francis	"Physico Chemical Investigation of the reaction of Phenol and Substituted Phenols with Formaldehyde."
do	„ M. A. Mukundan	"Studies on Nicotinic acid and other B-group Vitamins."
do	„ K. N. Gopalan	"Studies on immuno chemical changes on Cerebrospinal Fluid in syphillis."
BOTANY	„ P. R. Jagadish Prasad	"Studies on the effect of ionising radiations on Plants with special reference to Sugarcane."
ZOOLOGY	Mr. T. N. Anantakrishnan	"Taxonomical Studies on some Indian Thysanoptra."
GEOLOGY	„ V. Vinayak	"Geology of the Northern Slopes of Palni Hills."
PATHOLOGY * (Vety. Sc.)	„ S. Ramachandran	"Histopathological Studies on Phenumonia in Sheep and Goats."
PHARMACOLOGY (Vety. Sc.)	„ R. Natarajan	"A study of the Pharmacology and Toxicology of Gloriosa Superba."
PARASITOLOGY (Vety. Sc.)	„ D. A. Victor	"Studies in Host-parasite relationships."
TECHNOLOGY *	„ K. N. Raghavan	"Studies in Heat Transfer."
do	„ T. E. Degaleesan	"Phase Equilibrium studies in Ternary Liquid Systems."
PHYSIOLOGY (Medicine)	Sry. S. Parvathi Devi	"Blood Urinary Sodium and Pottassium during the various phases of the menstrual cycle."
BACTERIOLOGY (Medicine)	Sry. G. Prema Prabhu	"Studies on the Otiology of Diarrhoea in children with particular reference to pathogenic serotype of Escherichiacete."
ANATOMY † (Medicine)	Mr. M. Govindarajulu	"A study of the Morphology of the lung and anomalies of its lobulation in the South Indian Subject."

* Thesis submitted during 1958-59, but candidate declared qualified during 1959-60.

† Thesis submitted during 1954-55, but declared qualified during 1959-60.

1959-60—(contd.)

Subject	Name of candidate	Title of the thesis
ENGINEER-ING	* Mr. N. Subbayyan	"The effect of the change of Design Parmameters on the performance of Polyphase induction Motors."
AGRICUL-TURE	* ,, S. Sethuraman	"Studies in the Breeding of Sweet Potato for South India."
do	,, S. S. Nagarajan	"The role of Calcium in nutrition of the groundnut plant and its interrelat-ions with other elements."
do	,, S. Kannan	"Economics of Garden Land Cultiva-tion in Southern Parts of Coimbatore."

* Thesis submitted during 1958-59, but candidates declared qualified during 1959-60.

1960-61

Subject	Name of candidate	Title of the thesis
MATHEMA-TICS	Sry. A. Gomathy	"High Speed Flow of Gases: Appli-cation of Sources, Doubles and vortices."
CHEMISTRY	Mr. A. S. Hariharan	"Treatment of Tannery Wastes."
do	Sry. G. Yasodha	"Studies in Insect Biochemistry."
do	Mr. S. Gireesan	"Isomerisation Studies in Mono and Bicyclic Terpenes: A contribution to the Chemistry of 2-Carene."
do	,, S. Ananthanarayanan	"Application of analytical and instru-mental techniques in Leather Research."
do	Mr. K. P. Govindan	"Ion Exchange."
do	@ ,, Debabrata Mukhopadhyay	"Preparation and study of the chemistry of Synthetic Tanning Agents from Coal Tar Distillation Products."
BOTANY	,, K. K. Lakshmanan	"Embryological Studies in the Hydro-charitaceæ."
do	Sry. C. K. Soumini	"Studies on Phycomycetes in Agricul-tural Soils with special reference to Phythiacea."
do	,, A. P. Sarojini	"Studies on Anthracnose of Banana."
do	* ,, K. Meenakshi	"Studies on the Comparative Anatomy of Sorghum species-leaf and its phylo-genetic significance."

* Candidates who submitted thesis in 1959-60 but declared qualified during 1960-61.

@ Candidates who submitted theses in 1958-59 but declared qualified during 1960-61.

1960–61—(contd.)

Subject	Name of candidate	Title of the thesis
ZOOLOGY	* Mr. N. S. Rajagopalan	"Studies on the determination of age and growth rate of some Madras Fishes."
HOME SCIENCE	* Miss Kantha Joseph	"Studies on some aspect of Nutritive value of low cost supplementary food (Indian Multipurpose food)."
PHYSIOLOGY (Vety. Sc.)	Mr. K. T. Kunnikammaran	"Studies on the Hæmotology of the Domestic Fowl (Gallus Domesticus)."
PATHOLOGY (Vety. Sc.)	„ R. Krishnan	"Studies on Avian Lencosis Complex."
ANATOMY (Vety. Sc.)	„ V. K. Seshadri	"Studies on the Pulmonary Lobation in in the Indian Buffalo-Bos Bubalis."
BACTERI-OLOGY (Vety Sc.)	Sry. P. Sakku Bai	"Studies on New Castle (Ranikhet) Disease."
ANIMAL GENETICS (Vety. Sc.)	* Mr. M. Sanjeeva Rao	"Investigations on the Genetics of the Fowl and the Physiology of the Gametes."
ANATOMY (Vety. Sc.)	* „ A. Lakshmi Narasimhan	"Studies on the Sympathetic Nervous System of the Abdomen and Pelvis of the Indian Buffalo—Bos Bubalis."
TECHNO-LOGY	„ C. D. Gopalarathnam	"Studies in Heat Transfer."
do	„ A. Parthasarathy	"Studies of metal co-ordination complexes in Leather Science."
do	„ V. V. Chandramouli	"Studies in Vapour Liquid Equilibria."
do	@ „ T. Sitaramayya	"Mas Transfer Studies in Liquid-Liquid Extraction."
do	* „ C. Koteswara Rao	"Studies on Combination Tannages-Aluminium—Vegetable Combination Tannage."
AGRICUL-TURE	„ K. Rajagopalan	"Studies on Food Rot of Paddy."
do	Mr. S. Varadarajan	"Enzymatic Studies: Enzyme (Diastase of asphergillus orgyzae and its utilisation in Malt Extract Production)."
ENGINEER-ING	„ R. K. K. R. Govindarajan	"Investigations on Mixed Flow Pumps."

* Candidates who submitted theses in 1959–60 but declared qualified during 1960–61.

@ Candidates who submitted theses in 1958–59 but declared qualified during 1960–61.

1961-62

Subject		Name of candidate	Title of the thesis
MATHEMATICS	*	Mr. N. S. Natarajan	"Pseudorings and their ideal theory."
CHEMISTRY	*	,, Sisirkumar Sarkar	"Histopathological and Microtannological studies of Indian Buffalo and Cow hides under normal and abnormal conditions."
do		,, A. Srinivasan	"Studies on Amino-acids and certain keratin hydrolysates by paper chromatography."
do	§	,, T. Devanathan	"A study of some physical properties in relation to structure."
do		,, Sukumar Bandyopadhyay	"Investigation on the tannins and tanning properties of arecanut and its By-products."
do		,, Digindra Kumar Das	"Biological Studies of Indian Goat and sheep skins with emphasis on grain quality due to different places of origin of the animals and causes for coarse and fine grains."
BOTANY	*	,, E. C. George	"Studies on the Microbiology of some vegetable tan liquors."
ZOOLOGY	*	,, B. S. Vasu	"The structure of the Lateral line system and sound perception in Ophiocephalus Straitus Bloch."
do		,, N. Narayana Rao	"Studies on the ecology and genetics of drosophila from Madras."
do		,, P. M. Annamalai	"Study of Harmones in Reptiles."
do		,, Syed Mohamed Kamal Pasha	"Anatomy and Histocogy of the alimentary canal of some common teleosts."
do		,, M. A. Abdul Jalal	"Studies on Respiration in Air–Breatthing Fishes."
AGRICULTURE		Sry. A. Lakshmi	"Studies on Anthracnose Disease of the Leguminosae."
TECHNOLOGY		Mr. D. R. Krishnan	"Studies on some properties of Glue and Gelatine in relation to their methods of manufacture in India."
do		,, P. S. Santhanam	"Some aspects of the tanning and combining properties of myrobalan and their constituents."

* Thesis submitted in 1960-61 but declared qualified in 1961–62.

§ Thesis submitted in 1959–60 but declared during 1961–62.

1961-62—(contd.)

Subject	Name of candidate	Title of the thesis
TECHNO-LOGY	Mr. G. Jeyasing Thebaraj	"Studies on Biological Decomposition and Oxidation of Tannery Wastes."
do	„ S. R. Srinivasan	"Studies on Oil Tannages."
do	„ A. Tulsiram	"Studies on some uncommon Inorganic Tannages."
VETY. SCIENCE	„ P. R. Venkatesulu Naidu	"Effects of preservation of semen in various diluents on the livability, morphology and metabolism of buffalo spermatozoa."
do	„ P. S. Krishnamurti	"Studies on Indian Market Butter."
do	„ R. D. Michael	"Studies on Barn Hygiene under Indian conditions in relation to the production of clean milk."
HOME SICENCE	Sry. Hilda Christodoss	"Studies on the supplementary effects of Vegetable protein foods added to rice diets as tested on yowng albino rats."

Ph. D.

1957-58

SANSKRIT	Sri V. Varadachari	"Studies in Udayana's Works."
do	Mr. H. G. Narahari	"Karma and Rebirth."
PHILOSOPHY	„ Johan Frederik de Vries alias Staal	"Advaita Neoplatonism — A Critical Study in Comparative Philosophy."
HISTORY	Miss D. Devakunjari	"Madurai Through the Ages" (From the earliest time to 1801 A.D.)
ECONOMICS	Mr. K. Madhava Warrier	"Development of Indian Railways with particular reference to its Finance."
do	„ B. Gnanadoss	"The Concept of Optimum in Economic Analysis."
MATHE-MATICS	„ R. Ramachandran	"Studies on the Extension of Linear Functions."
STATISTICS	„ G. Ramachandran	"Studies in Sequential Tests."
PHYSICS	„ Katuputur Subbarama Sarma Chandrasekaran	"Studies on Crystal Texture and on Absolute Configuration of Crystals."
do	„ S. K. Srinivasan	"Some Physical applications of random functions and their Associated Integrals."
CHEMISTRY	„ V. N. Sundararajan	"Chemistry of Benzoquinolines."

1957-58—(contd.)

Subject	Name of candidate	Title of the thesis
CHEMISTRY	Miss M. V. Lakshmikantham	"Studies on the Structure of Tylophorine."
do	Mr. U. Ramadas Rao	Part I: "Aporphine Alkaloids" Part II: "Chemical Investigation of Mahonia Nepalensis."
do	,, S. Rajappa	"Studies in Chemistry of Heterocyclic Nitrogen Compounds."
do	,, U. Ramadas Nayak	"Studies in Sesquiterpenes (Longifolene)".
do	,, K. Sivarama Sastry	"Biochemical Studies on Water-Soluble Vitamins and Trace Elements."
do	,, L. Visvanathan	"Studies on Strepogenic and related growth factors."
BOTANY	,, N. S. Subba Rao	"Studies in the Genus Fusarium with special Reference to Toxicology."
do	Sry. K. Bhuvaneswari	"Studies on the Rhizosphere Microfloras of Crop Plants."
do	,, C B. Sulochana	"Soil conditions and wilt diseases in plants: Studies on Root exudates and Rhizosphere Microflora in relation to fungal wilts."
ZOOLOGY	Mr. M. D. K. Kuttalingam	"Studies on the Food and feeding habits of some Madras Fishes"
do	,, K. Ramalingam	"Studies on the Helminth Parasites obtained at Mandapam."
do	,, A. George Cherian	"Studies on the Physiology of Anuran Respiration."
GEOLOGY	,, S. Ramanathan	"The Ultra Basic Rocks of Salem and Dodkanya and their Relationship to Charnockites."
TEACHING	,, K. Theodore	"An Evaluation of the Study of English Poetry among Indian Students."
do	,, R. S. Subrahmanyan	"The Educational Ideas of Mahatma Gandhi and Rabindranath Tagore—A Comparative Study with Relevance to Modern India."
MEDICINE (Physiology)	Mrs. Sarada Subrahmanyam	"Excretion of Adrenaline and Nonadrenaline in Physiopathological states with special reference to some of the Clinical Conditions prevalent in South India."
AGRICULTURE	Mr. S. D. Kanakaraj	"Studies in South Indian Aphids."

1957-58—(contd.)

Subject	Name of candidate	Title of the thesis
AGRICULTURE	Mr. D. Daniel Sundararaj	"Studies in the Physiological Anatomy of grasses."
VETERINARY SCIENCE Animal Genetics	,, O. Sundararama Reddi	"Studies on the Genetics of South Indian Cattle with special reference to the inheritance of Coat Colour."
TECHNOLOGY	,, G. Venkataraman	"Studies in Liquid-Liquid Extraction."
do	,, W. Madhava Krishna	"Studies on Enzymes with reference to their use in Leather Manufacture."

1958-59

Subject	Name of candidate	Title of the thesis
PHYSICS	Mr. R. Srinivasan	"Structure of Amino acids and Related compounds."
do	,, S. Raman	"Studies on Techniques of Crystal Structure Analysis."
do	,, M. V. Sivaramakrishnan	"Investigations on Atmospheric Electricity during disturbed weather in the Tropics and on Geomagnetic and ionospheric changes near the Geomagnetic Equator."
CHEMISTRY	,, R. Ganesan	"Kinetics of the Decomposition of metal alkyls (Thermal decomposition of gaseous zinc dimethyl)."
do	Mr. I. M. Mathai	"Reaction between Bromine Ethylene Derivatives."
do	,, P. S. Raman	"Studies in Nitrogen Rings and Studies on the Constituents of some Natural Fats."
do	,, K. S. V. Sampath Kumaran	"Phospho Proteins."
do	Miss A. Thangamani	"Studies on Ascorbic Acid."
do	Mr. Vadla Patla Venkata Gopala-Krishna	"Kinetics of the reactions on Phenol and substituted phenols with formaldehyde.
do	Miss Roshan Irani	"The Carbohydrate Constituents and Sugar Metabolism of Penicillium Chrysogenum."
do	Mr. E. Raghupathi	"Biochemical Studies on Iodoaminocids, Iodoproteins and Iodopeptides."
do	,, P. C. Parthasarathi	"Studies on Condensed Furan Derivatives."
do	,, N. Viswanathan	"Heterocyclic Nitrogen Compounds."
BOTANY	,, M. S. Balakrishnan	"Studies on the Developmental Morphology and Taxonomy of some Indian Cryptonemiales (Rhodophyceae)."

1958-59—(contd.)

Subject	Name of candidate	Title of the thesis
ZOOLOGY	Mr. A. Krishna Kumaran	"Studies on the Integument of Arachnida."
do	,, K. C. Jayaramakrishnan	"A Contribution to the classification of Bagridae."
do	,, S. Kannan	"Studies on the Root Knot Nematode."
GEOLOGY	,, A. V. Sankaran	"Minor Element distribution in some Basic Igneous Rocks of South India."
AGRICULTURE	,, B. W. X. Ponnayya	"Studies in Genus Sorghum-Silica Pattern."
FACULTY OF SCIENCE	,, S. Ramachandran	"Studies on Adrenal Cortical function in relation to Chronic Liver Diseases."
TECHNOLOGY	,, R. Selvarangan	"Mechanism of Tanning"—Alum and combination Tannages."
HINDI	,, S. Shankar Raju Naidoo	"A Comparative Study of Kamba Ramayanam and Tulasi Ramayan."

1959-1960

Subject	Name of candidate	Title of the thesis
MALAYALAM	Mr. K. Vasudevan Nambudiripad	"An Etymological Study of the Loan Words in Malayalam."
PHILOSOPHY	,, P. K. Sundaram	"Advaita Epistomology."
do	Mr. E. Ittuthuran	"The Philosophy of Advaita with special reference to Anandabodha."
do	,, James Hoyt Knapp Norton	"Reason and Visistadvaita Philosophy —a study of Nyayakulisa by Atreya Ramanuja."
ECONOMICS	,, K. T. Ramakrishnan	"Finances for Small Scale industry in India."
STATISTICS	Sry. N. Marakathavalli	"Studies in Statistical inference."
PHYSICS	Mr. K. Venkatesan	"X-ray Crystallography-Investigations of some Crystal structures."
do	,, N. V. Mani	"X-ray Crystallography: investigations on the structure of some perchlorates."
do	,, E. V. Krishnamurthy	"Analogue computor for solving simultaneous equations and related problems
do	,, V. Sasisekharan	"Structure of Collagen and related compounds."
do	,, R. Vasudevan	"Application of Stochastic theory to physical problems with special reference to some quantum mechanical phenomena."

1959-60—(contd.)

Subject	Name of candidate	Title of the thesis
CHEMISTRY	Mr. N. S. Gnanapragasam	"Kinetics and Mechanism of Bromination of Aromatic Compounds by Bromine and by Iodine Bromide."
do	,, M. Krishnan	"Chemistry of Heterocyclic compounds, Synthesis of Analogues of Natural products."
do	,, C. V. Ramadoss	"Heterocyclic Nitrogen compounds."
do	,, V. Mahadeva Ayyar	"Kinetics of Vinyl Polymerization in Aqueous solution by Photo-Chemical methods."
do	,, N. Venkatasubramanian	"Studies in Oxidation."
do	,, N. Ramasubrahmanyan	"Chemisorption-Hydrogen on Nickel dispersed in Magnesia Catalysts."
do	,, P. Shanmugam	"Studies in the Synthesis of Hetero-cyclic compounds: Nitrogen Ring Compounds."
do	,, D. Sethu Rao	"Studies in Dielectric constants including the influence of structure and of solvents."
do	,, S. Natarajan	"Studies on some aspects of the metabolism of a soil fungus."
do	Mr. V. Damodaran	"Studies on and Extraction and Reduction of Titanium Dioxide."
do	,, Bhupendra Chandra Basu	"Study on the optical properties (Birefringence) of Collagen and tanned fibres."
do	,, P. S. Radhakrishnamurti	"Structural and solvent influences of some hydrolytic reactions."
do	,, S. Venkat Rao	"Effect of infestation on the chemical composition and nutritive value of food grains."
BOTANY	,, P. M. Ganapathi	"Anatomy of Palms."
do	,, K. Periaswamy Goundan	"Studies on seeds with Ruminate Endosperm."
do	Miss R. Andal	"Studies on the Foot Rot disease of rice,"
ZOOLOGY	Mr. M. Anantaraman	"Studies on Parasitic infections of Veterinary and Public Health Importance."
GEOLOGY	,, S. Kumarachandra Babu	"The Chamundi Granite and the Nanjangud Gneiss, Mysore State"
VETERINARY SCIENCE	,, Gajjan Singh	"Studies on Semen of Indian Cattle."

1959–60—(contd.)

Subject	Name of candidate	Title of the thesis
MEDICINE	Mr. N. Padmanabhan	"Some Adrenocortical influences on Skeletal Muscle." (PHYSIOLOGY)
do	,, D. Suneetha	"Sex dimorphism of the Pelvic Frame work of Foetuses and new-born." (ANATOMY)
AGRICULTURE	,, T. Venkataramana Reddy	"Studies on the developmental morphology of the Caryopsis in Sorghum."
PHILOSOPHY	,, R. Balasubrahmanyan	"A study of Acarya Mandanamisra Brahmasidhi."
do	,, T. P. Ramachandran	"The concept of the Vyavatarika in Advaita Vedanta."

1960-61

Subject	Name of candidate	Title of the thesis
PSYCHOLOGY	,, B. C. Muthayya	"A study of level of aspiration and its relation to Modes of reaction to frustration among adolescents.'
do	,, E. G. Parameswaran	"Psychological Symbolism in some Hindu Samskaras (Sacremental Rites)."
do	Sry P. Rajalakshmi	"Behaviour Problems of Children-Pre School and early School age."
POLITICS	,, S. Vijayalakshmi	"A short history of Madras Legislature."
do	,, Y. Chandra	"State and Religious Endowments in Madras."
MATHEMATICS	Mr. R. Venkataraman	"Studies in Topology" (On a class of "Symmetrically ordered sets and related topological spaces)."
STATISTICS	,, K. N. Venkataraman	"Specification of suitable schemes for time-series analysis."
PHYSICS	,, T. M. Srinivasan	"Thermal Energies of Metals and low Temperature."
do	,, A. Jayaraman	"Study of Iridescent Feldspars by optical and X-ray methods."
do	,, N. R. Ranganathan	"Studies in Elementary Particle interactions and in stochastic methods and processes associated with them."
CHEMISTRY	,, C. C. Menon	"Studies in addition Polymerisation."
do	Sry. S. Kanthamani	"Studies in Nitrogen Ring Compounds.'
do	Mr. C. V. Pitchappa	"Studies on Microbial Metabolism."
do	,, V. Venkatasubramanian	"Bio-chemical Studies on Inter-relationships among Trace Elements."
do	,, M. R. Gopalan	"Polymerisation in Solution."
do	,, P. Desikan	"Vapour Phase Catalytic Transformations of 3-Carene over Chromia-Alumina Catalysts."

1959-60—(contd.)

Subject	Name of candidate	Title of the thesis
CHEMISTRY	Mr. A. K. Kuriakose	"Physico-Chemical Investigation of the Reactions between Formaldehyde and Phenols."
do	,, Dakshinamurty Hejalu	"Studies in Phenolic Resins."
do	,, Abburi Ramaiah	"Bio-Chemistry of Trace Elements."
do	,, P. V. Narasimhamurthi	"Studies on Thyroid Hormones."
do	,, B. Anjaneyalu	"Heterocyclic Nitrogen Ring Compounds."
BOTANY	,, V. S. Krishnamurti	"Studies on some Mycological Problem in Leather Industry."
do	,, V. T. John	"Studies on Plant Viruses with special reference to Host Physiology."
do	,, V. S. Sundaralingam	"Contribution to our knowledge of South Indian Algae."
do	,, N. Parameswaran	"Wood Anatomy and Comparative Morphology of the Canellaceae."
do	Sry. Padmabai Pushpanaden	"Helminthosporioses of Cereals in Southern India."
ZOOLOGY	,, E. Sita (Mrs. Anantaraman)	"Studies on Helminths of Madras."
GEOLOGY	Mr. Samuel Christopher Jacob	"Geology of the Western Ghats around Nagercoil."
TECHNOLOGY	,, T. J. Devassy	"Studies in one bath Chrome Liquors."
AGRICULTURE	,, K. V. Srinivasan	"Studies on the Microflora of the Rhizosphere of Sugarcane with particular reference to some diseases."
do	Mr. D. John Durairaj	"Advanced Studies on Soil Colour."
do	,, V. Durairaj	"Studies on the Fruit Rot of Chillies."
do	,, S. Subramaniam	"Studies on the Wilt of Pigon Pea."
do	,, T. K. Ramachandra Reddy	"Studies on Soil Fungi."
TEACHING	,, P. M. Lohithakshan	"Analytical and Experimental Study of Backwardness at the Primary School Stage."

1961-62

Subject	Name of candidate	Title of the thesis
MALAYALAM	Mr. K. Narayanan Ezhuthachan	"Bhasha Kautaliyam – A Linguistic study."
PSYCHOLOGY	,, Munir Ahmed Faroqi	"Cooperation, Competition and Group Structure."

1961-62—(contd.)

Subject	Name of candidate	Title of the thesis
CHEMISTRY	Mr. K. J. Scaria	"Studies on the Physico-Chemical nature of tannin particles in relation to the mechanism of vegetable tanning."
do	,, V. Subrahmanyan	"Studies on Ion Transport through Ion Exchangers"
do	,, Indukanth S. Ragade	"Chemistry of Nitrogen Heterocycles."
do	,, K. K. Purushothaman	"Azulene Derivatives."
PHYSICS	,, N. E. Dweltz	"X-ray and optical studies on Fibrous Proteins and related compounds."
BOTANY	Kumari S. Malini	"Heavy Metals and Host-Parasite relationships in Plant Wilts."
do	,, M. Lakshmi Kumari	"Rhizosphere Microfloras and Host-Parasite relationships."
do	,, C. N. Babu	"Cytogenetical investigations on the Genus **Saccharum**."
ZOOLOGY	,, V. V. Srinivasan	"Studies on the Pholads of Madras."
do	,, R. Velappan Nayar	"Studies on the early life-history, metamorphosis, biology and fishery of some Indian marine fishes."
GEOLOGY	,, M. N. Balasubrahmanyan	"Mineralogy, Paragenesis and chemical Petrology of some Al-Rich assemblages and Calc Silicate Assemblages from the Archaen of India."
AGRICULTURE	,, T. R. Subrahmanyan	"Studies on some South Indian Weevils (Curculionidae)."
do	,, C. V. Govindaswamy	"Studies on Fusariose wilts of Solanaceae."
TECHNOLOGY	,, Sudhis Chandra Nandi	"Studies on the chromogenesis of halophilic bacteria associated with salted skin."
TECHNOLOGY	Mr. S. Hamsath Ibrahim	"Physico Chemical Studies relating to the process and plant Development of manufacture of Ethylene Oxide."
TEACHING	,, M. Sargurudoss	"Educational Policy in the Madras Presidency, 1800 to 1900 A.D."
POLITICS	Sry. N. R. Visalakshi	"The Growth of Public Services in the Madras State, 1800-1900."
PHYSICS	Mr. C. K. Narayanaswami	"Investigations in Infrared."
CHEMISTRY	Miss S. Rajalakshmi	"Biochemical role of B-Group Vitamins in lipid metabolism."
do	Mr. S. Selvavinayagam	"Studies on Heterocyclic Compounds."
do	,, S. Ramakrishnan	"Studies on Riboflavin and Flavoprotein enzymes in Health and Diseases."

1961-62—(contd.)

Subject	Name of candidate	Title of the thesis
CHEMISTRY	Mr. M. Udayachander	"Studies on Sterol and Fat Metabolism."
do	Sry. K. Lalitha	"Kineties of Vinyl Polymerisation Solution (Ceric Ions in Aqueous Solution)."
BIOCHEMISTRY	Mr. D. Shreerama Sharma	"Studies on the Metabolism of Nicotinic acid and Nicotinamide."
do	,, N. Venkateswara Rao	"Physico Chemical Studies on Collagen –A Study of the Interaction of Gaseous HCl with Collagen."
BOTANY	,, A. Ramadasan	"Studies on the Physiology of Virus infected plants."
ZOOLOGY	,, P. Dhananjayan Kuttan Achan	"Studies in the Physiology of Parasitism: The Life History of Rhipicephalus Sanguineus Latereille and the effects of Nutritional Deficiencies."
do	,, S. Ramamurthy	"Plankton and Hydrological studies in the North Kanara Coast with a note on their relation to the Pelagic Fisheries."
TELUGU	,, G. Narayanaswami Reddi	"A study of Telugu Semantics."

Doctor of Science

D. Sc.

1951-52

BOTANY	,, I. Madhusudhana Rao	"An Investigation into the March of Transpiration of and Water Requirements of Crops under Dry Farming conditions in Rohtak Punjab."
ZOOLOGY	,, S. Jones	"Contribution on the life histories and Fisheries of Indian Fishes."

1955-56

CHEMISTRY	,, S. V. Ganapati	"Studies on the sources of the Madras City Water Supply and on certain other Waters of the Madras State."

1956-57

BOTANY	,, C. V. Subramanyan	"Systematic and Taxonomic Studies on Fungi Imperfecti."

1960-61

PHYSICS	,, D. Krishnamurti	"Investigations on the Raman Spectra of Crystals."
CHEMISTRY	,, M. O. Tirunarayanan	"Studies on Isoniazid: Antituberculosis activity Drug Resistance and acute Toxicity."

Note: No thesis for the D. Litt. Degree was approved during the period 1950-51 to 1961-62.